

2,6-Dimethylphenol, tert-butyldimethylsilyl ether

Other names:	2,6-Dimethylphenol tBDMS
Inchi:	InChI=1S/C14H24OSi/c1-11-9-8-10-12(2)13(11)15-16(6,7)14(3,4)5/h8-10H,1-7H3
InchiKey:	VCYANHUYTDKAFJ-UHFFFAOYSA-N
Formula:	C14H24OSi
SMILES:	<chem>Cc1cccc(C)c1O[Si](C)(C)C(C)(C)C</chem>
Mol. weight [g/mol]:	236.43
CAS:	62790-89-0

Physical Properties

Property code	Value	Unit	Source
log10ws	-2.69		Crippen Method
logp	4.687		Crippen Method
rinpol	1505.00		NIST Webbook

Sources

NIST Webbook:	http://webbook.nist.gov/cgi/cbook.cgi?ID=C62790890&Units=SI
Crippen Method:	http://pubs.acs.org/doi/abs/10.1021/ci990307l
Crippen Method:	https://www.chemeo.com/doc/models/crippen_log10ws

Legend

log10ws:	Log10 of Water solubility in mol/l
logp:	Octanol/Water partition coefficient
rinpol:	Non-polar retention indices

Latest version available from:

<https://www.chemeo.com/cid/11-747-0/2-6-Dimethylphenol-tert-butyldimethylsilyl-ether.pdf>

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